

ABSTRACT OF THE DISCLOSURE

A motor control apparatus which can improve detection accuracy of control information and stabilize
5 a control system includes a detector (601) for detecting first pulse information which corresponds to drive speed of a driven object and second pulse information out of phase with the first pulse information; edge detectors (604 to 607) for detecting
10 rising edges and falling edges of the detected first pulse information and second pulse information; edge interval measuring units (608 to 611) for measuring edge-to-edge periods using the detected rising edges and falling edges; a calibrator for calibrating the
15 measured edge-to-edge periods with a reference period for driving the driven object (615) at constant speed; a corrector for correcting the first pulse information and second pulse information based on the calibration; and controller (613) for generating control commands to
20 drive the driven object based on the corrected first pulse information and second pulse information.